

Episode 56VD. June 23, 2024. Stubble burning alternatives. In Japan, Yatsushiro biomass power plant.

In Episode 56VD, 1)World. Over 135 million people died prematurely due to air pollution. 2)United States. EPA Tightens Air Quality Standard. Hardwood Floors Magazine. 3)Alaska. June 20: Rick Thoman's Climate Highlight for Western Alaska. 4)Arizona. Ground stop issued for some flights heading to Sky Harbor Friday morning. 5)California. Particulate Matter. Air Pollutants and Health Effects. Spare the Air. 6)California, Humboldt County. THE ECON NEWS REPORT: A Controversial Biomass (wood burning) Proposal's Tie to Humboldt County. Lost Coast Outpost. 7)Illinois, Chicago. Worth finalizes rules for open burning in village. 8)Illinois, Park Forest. Village Ordinances Explained: Political Signs, Garbage Bins, Fire Pits & More. 9)Indiana. Air quality conditions deteriorate in Southern Indiana as temps soar. 10)Iowa. Iowa Environmental Council says air quality monitoring not near at-risk populations. 11)Missouri, Saint Louis. Several fires reported along Wood County highway. 12)Michigan, Flint. Ordinance would legalize open burning in Flint but permits could cost residents. 13)Oregon, Bend. Improper disposal of outdoor cooking ashes blamed for fire that destroyed El Sancho's Taco. 14)Oregon, Jackson County. How to stay healthy with wildfire smoke this fire season. 15)South Carolina, Colleton County. Dry conditions caused woods fire to quickly spread in Colleton County. 16) Texas, Dallas. Study shows a West Dallas neighborhood as worst in air quality. 17)Texas. Dry conditions in East Texas heighten need for fire awareness. 18)Wyoming. Wyoming Family Wants Answers After Losing Home in Fire. 19)Canada, British Columbia, Richmond. Richmond railway bridge fire extinguished, air quality bulletin remains in place. 20)Canada. British Columbia. BC Hydro to burn wood debris at Site C, 21)United Kingdom, Gresham, Lambeth, Lewisham and London. 'I regularly smell the pollution in the air': Thousands of children hospitalized. 22)United Kingdom. Scotland. Wood burner ban Scotland: Calls to ban stove fuels in bid to prevent pollution-related diseases. 23)Ecuador. A spotlight on Ecuador's age-old relationship with the sun. National Geographic. Villagers give offerings and burn palo santo sticks to ward off evil spirits during Ecuador's Festival of the Sun. The smell of burning wood drifts. 24)Borneo. Air pollution caused 8.1m deaths in 2021. Borneo Bulletin Online. According to the report, PM 2.5 has been found to be the most consistent and accurate predictor of poor health outcomes worldwide. 25)Indonesia, Jakarta. Air Quality Sunday June 23, 2024, Third Worst In The World. 26)Japan. Yatsushiro biomass power plant starts operations in Japan : The Daily Digest. Biofuels Digest. The power plant is a wood-burning biomass power plant that will generate 75,000 kW of power using mainly unused wood from Kumamoto Prefecture. 27)PM2.5 and cancer. New challenges in cancer care: cardiovascular disease and environmental factors. News-Medical. Air pollution, cancer, and CVD. Exposure to particulate matter ≤ 2.5 (PM2.5) has been associated with atherosclerosis, hypertension, stroke. 28)PM2.5 and mental health risk. 29)PM2.5 and stubble burning versus alternate techniques to manage crop residues, such as no-till farming, mulching, or using residues for animal feed or energy production. Alternative crop residue management practices to mitigate the environmental and economic (harm).

1)World. Over 135 million people died prematurely due to air pollution. Earth.com PM2.5 refers to particulate matter that measures 2.5 micrometers or less in diameter. These tiny particles float in the air, often invisible to. 2)United States. EPA Tightens Air Quality Standard. Hardwood Floors Magazine. The U.S. EPA announced it would tighten the final air quality standard for fine particulate matter (PM 2.5), from 12 micrograms (ug) per cubic. 3)Alaska. June 20: Rick Thoman's Climate Highlight for Western Alaska. KNOM Radio Mission. smoke hundreds of miles from the source of fires near Iliamna Lake. There are likely enough fires around that a wood smoke smell may be evident. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Thoman is a Climate Specialist with the Alaska Center for Climate Assessment and Policy at the University of Alaska Fairbanks. On the Seward Peninsula, the Goldbug Fire is burning northeast of Imuruk Lake. There are two dozen lightning sparked fires in the Kuskokwim Valley. There are multiple fires ongoing in Eastern Siberia. This adds up to wildfire smoke over the coming weeks, and as wildfires in Siberia often burn until the snow returns, we may see smoke into September. It's unlikely that we see a repeat of the dense wildfire smoke we saw in July 2022.

A wood smoke smell may be evident. 4)Arizona. Ground stop issued for some flights heading to Sky Harbor Friday morning. ABC15 Arizona. "Air quality monitors around the Valley are showing a spike in PM-2.5 (smoke), so we're likely seeing a combination of wildfire smoke. 5)California. Particulate Matter. Air Pollutants and Health Effects. Spare the Air. Fine particles can easily bypass filters in the nose and throat and penetrate deep into the lungs. Wood smoke from wood stoves and fireplaces. 6)California, Humboldt County. THE ECON NEWS REPORT: A Controversial Biomass (wood burning) Proposal's Tie to Humboldt County. Lost Coast Outpost. "Burning wood is not 'renewable energy,' so why do policymakers pretend it is?" Mongabay, June 11. "UK's Drax targets California forests for two. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. June 23, 2024. Golden State Natural Resources (GSNR), a non-profit organization, is partnering with Drax, a U.K.-based (RAWSEP interjects Wood (Biomass) burning energy company, to propose two new factories to turn biomass into wood pellets and an export facility to ship the pellets to be burned for energy in South Korea and Japan. If approved, the (wood pellet) mills would be a major expansion of biomass energy in California. Biomass (wood burning) results in more carbon emissions than coal (burning). Humboldt's Supervisor Rex Bohn sits on the board of (GSNR) through the Rural County Representatives of California, which provided the capital to start (GSNR). 7)Illinois, Chicago. Worth finalizes rules for open burning in village. Southwest Regional Publishing. According to the ordinance, residents and businesses are required to burn clean, dry, non-painted or non-treated wood in an outdoor wood burning. 8)Illinois, Park Forest. Village Ordinances Explained: Political Signs, Garbage Bins, Fire Pits & More. eNews Park Forest. The wood burned must be "clean, dry, non-painted or treated." The ordinance explicitly prohibits burning tree or bush trimmings, paper, and other. 9)Indiana. Air quality conditions deteriorate in Southern Indiana as temps soar. Reporter-Times. PM 2.5 the main culprit. PM stands for particulate matter and the number refers to the size of the pollutants. At 2.5, that's fine matter. 10)Iowa. Iowa Environmental Council says air quality monitoring not near at-risk populations. Daily Nonpareil. "The data shows that ozone and PM 2.5 monitors are clearly not in locations with the most significant rates of asthma and are not adequately. 11)Missouri, Saint Louis. Several fires reported along Wood County highway. KETK.com According to the Holly Lake Volunteer Fire Department, they are out with a few other fire departments fighting a series of fires. Initial information. 12)Michigan, Flint. Ordinance would legalize open burning in Flint but permits could cost residents. MSN. "I don't have any problem with fire pits. People are burning as we speak and if it's seasoned, dry wood, we don't have any problem with it," Wiggins. 13)Oregon, Bend. Improper disposal of outdoor cooking ashes blamed for fire that destroyed El Sancho's Taco. KTVZ. wood burning fires, stoves, campfires, etc. The dry, hot climate can extend how long the ashes stay warm for." 14)Oregon, Jackson County. How to stay healthy with wildfire smoke this fire season. HealthWatch. kdrv.com KDRV. Two wildfires are currently burning in Jackson County, the Upper Applegate Fire and Highway 62 Fire. wood-burning stoves or furnaces, aerosol. 15)South Carolina, Colleton County. Dry conditions caused woods fire to quickly spread in Colleton County. MSN. COLLETON COUNTY, S.C. (WCBD)- People living in Colleton County may have noticed heavy smoke in the area this week. Colleton County Fire-Rescue. 16) Texas, Dallas. Study shows a West Dallas neighborhood as worst in air quality. WFAA. For six months in 2023, Texas A&M, in partnership with many organizations, studied the PM 2.5 levels from that monitor. Texas, Dallas. In Industry-Heavy West Dallas, New Study Finds Health Problems and Bad Air. D Magazine. Researchers at A&M focused on one particular pollutant: particulate matter 2.5, or PM 2.5, microscopic pollutants that are about 100 times smaller. 17)Texas. Dry conditions in East Texas heighten need for fire awareness. KLTV. That was the case. 18)Wyoming. Wyoming Family Wants Answers After Losing Home in Fire. K2 Radio. They dismissed it as the neighbor's wood-burning stove and went back to sleep. The next morning they discovered the insulation under their trailer had. Two minutes later, they got a report of smoke. The Bucks raced back to. Wyoming Family Wants Answers After Losing Home in Fire, Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. June 20, 2024. k2radio.com On May 24, 2024 around 2:30 a.m. a

Wyoming family woke to the smell of something burning. They dismissed it as the neighbor's wood-burning stove and went back to sleep. The next morning they discovered the insulation under their trailer had caught on fire, but luckily extinguished itself in the night. Mr. Buck claims they put up cameras and filed a police report afterwards. On Monday, June 17, Mr. Buck claims he and his fiancé were out running errands when they got an alert from the cameras that someone was walking by the house. Two minutes later, they got a report of smoke. The Bucks raced back to the house to retrieve the family dogs, and with the help of Laramie Fire Department, the dogs survived. The Red Cross put them in a motel for a few nights. Mr. Buck, his fiancé, their baby, and Mr. Buck's father are living in a donated camper. 19)Canada, British Columbia, Richmond. Richmond railway bridge fire extinguished, air quality bulletin remains in place. BC Globalnews.ca smoke seen across the region Vancouver Fire Rescue's fire boat was also called in to better reach the burning wood sections over the water. Large fire breaks out near Oak Street Bridge in Richmond, B.C. smoke Thursday night. CBC News. Thick black He said he suspected the burning bridge was covered in creosote, a wood. Richmond fire: Building and trestle bridge destroyed in massive blaze - Vancouver Sun. smoke into the sky. Richmond fire officials Vancouver Fire Rescue's fire boat attended to better reach the burning wood sections over the water. 20)Canada. British Columbia. BC Hydro to burn wood debris at Site C, MSN. Crews have been clearing waste wood from the project, a release stated, and burning is expected to take place now through March in the Portage. 21)United Kingdom, Gresham, Lambeth, Lewisham and London. 'I regularly smell the pollution in the air':

Thousands of children hospitalized. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. June 22, 2024. A campaign group is calling on the Government and local authorities to take action to cut pollution levels after new data revealed thousands of children were hospitalized with breathing difficulties last year. A Freedom of Information (FOI) request submitted to Lewisham and Greenwich NHS Trust revealed 1,481 children under five years old were admitted to hospital with respiratory difficulties in 2023. In the same year, 262 children younger than five with respiratory difficulties were admitted to hospitals in Lambeth under the King's College Hospital NHS Foundation Trust. Across 22 London hospitals surveyed, more than 15,000 children were admitted with serious breathing difficulties. Parents have been hanging baby grows that spell out 'Clean Air Now' near areas in breach of World Health Organization standards, including Lambeth Town Hall, near King's College Hospital. A Mums for Lungs member and Lambeth parent, said: "children are being hospitalized with breathing difficulties. I regularly smell the pollution in the air on our walk to school." According to Mums for Lungs, air pollution monitors in Lambeth continue to show high levels of some of the most dangerous forms of pollution, including particulate matter (PM 2.5). Lambeth and Greenwich councils have been approached for comment. 22)United Kingdom. Scotland. Wood burner ban Scotland: Calls to ban stove fuels in bid to prevent pollution-related diseases. MSN. Asthma + Lung UK Scotland is calling for a Scottish ban on certain log burner fuels and for tighter regulations of wood burning stoves, Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. 6 months ago, approximately January 2024. A lung and asthma charity is calling for a Scottish ban on certain log burner fuels in a bid to reduce pollution-related diseases. Asthma + Lung UK Scotland is calling for tighter regulations of wood burning stoves and for the Scottish Government to increase public awareness of the pollutants associated with domestic burning. According to the charity, air pollution from wood burning has steadily increased in the past 30 years, "to the point where it is now the second largest source of fine particulate matter (PM2.5) pollution in Scotland". Particulate matter (PM2.5) consists of fine particles that, once in the air, are harmful to human health. These are particles with a diameter of less than 2.5 micrometers that can penetrate deeper into the lungs, the heart and blood stream. Exposure has been linked to the increased likelihood of developing lung and heart conditions, cancer, strokes, mental health issues and dementia. Across the UK, there has been an 89 per cent increase in PM2.5 emissions from wood burning as a fuel between 2010 and 2021, according to statistics published by the UK Government. Joseph Carter, head of Asthma + Lung UK Scotland, said: "The idea of a

cozy wood burning stove in the winter might sound appealing, but burning wood in our homes could be putting ourselves and our neighbors at risk and is a really inefficient way of heating a home. Burning wood is a source of air pollution both inside and outside homes, particularly PM_{2.5}, which is the most dangerous pollutant to human health.

23)Ecuador. A spotlight on Ecuador's age-old relationship with the sun. National Geographic. Villagers give offerings and burn palo santo sticks to ward off evil spirits during Ecuador's Festival of the Sun. The smell of burning wood drifts.

24)Borneo. Air pollution caused 8.1m deaths in 2021. Borneo Bulletin Online. According to the report, PM 2.5 has been found to be the most consistent and accurate predictor of poor health outcomes worldwide. “We hope our State.

25)Indonesia, Jakarta. Air Quality Sunday June 23, 2024, Third Worst In The World. VOI.ID. (particulate matter / PM) 2.5 at a concentration rate of 74 micrograms per cubic meter. This concentration is equivalent to 14.8 times the annual. Indonesia, Jakarta. BPBD-BMKG Modified Jakarta Weather Press Air Pollution - VOI.ID PM 2.5 is an air particle that is small in size from 2.5 microns (micrometers).

26)Japan. Yatsushiro biomass power plant starts operations in Japan : The Daily Digest. Biofuels Digest. The power plant is a wood-burning biomass power plant that will generate 75,000 kW of power using mainly unused wood from Kumamoto Prefecture.

27)PM_{2.5} and cancer. New challenges in cancer care: cardiovascular disease and environmental factors. News-Medical. Air pollution, cancer, and CVD. Exposure to particulate matter ≤ 2.5 (PM_{2.5}) has been associated with atherosclerosis, hypertension, stroke, and.

28)PM_{2.5} and mental health risk. Prenatal exposure to air pollution associated with increased mental health risks. MSN. The team found that every 0.72 micrograms per cubic meter increase in fine particulate matter (PM_{2.5}) during pregnancy and childhood was.

29)PM_{2.5} and stubble burning versus alternate techniques to manage crop residues, such as no-till farming, mulching, or using residues for animal feed or energy production. Alternative crop residue management practices to mitigate the environmental and economic (harm). Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization

Nature. Black carbon is a component of fine particulate matter (i.e., PM_{2.5}) that has been linked to respiratory and cardiovascular diseases and even. Proper management of crop residues can improve soil health, reduce greenhouse gas emissions, and provide a renewable energy source. Farmers can use various techniques to manage crop residues, such as no-till farming, mulching, or using residues for animal feed or energy production.